

HIGH VOLUME AIR SAMPLER

ABSTRACT OF THE DISCLOSURE

A high volume air sampler is disclosed. The high volume air sampler is adapted to draw samples of air that will be passing through the interior of an airplane's interior fuselage. The air may be drawn from a bleed valve of a gas turbine engine that supplies the air to the airplane interior. The high volume air sampler draws a sufficient volume of air so that sampling methods and/or detectors can detect airborne impurities. The high volume air sampling system includes the use of flexible hose for receiving engine bleed air. The system also includes a collar that adapts the flexible hose for use with a sample canister.